

Title (en)
Dual type flat panel display device

Title (de)
Doppel-Flachbildanzeige

Title (fr)
Panneau plat d'affichage double

Publication
EP 1562169 A3 20080723 (EN)

Application
EP 04090358 A 20040916

Priority
KR 20040008500 A 20040209

Abstract (en)
[origin: EP1562169A2] A dual type flat panel display device including a first flat panel display device panel; and a second flat panel display device panel; wherein the first and second flat panel display device panels each include a pixel area including a plurality of scan lines arranged in a first direction, a plurality of data lines arranged in a second direction perpendicular to the first direction, and pixel electrodes disposed in an area formed by the plurality of data lines and the plurality of scan lines crossing the data lines; and a non-pixel area including a plurality of on/off switching devices at inputs of the scan lines or the data lines, wherein the switching devices are respectively connected to the plurality of scan lines or the plurality of data lines.

IPC 8 full level
G02F 1/1333 (2006.01); **G09G 3/36** (2006.01); **G02F 1/133** (2006.01); **G02F 1/1343** (2006.01); **G06F 3/14** (2006.01); **G09F 9/30** (2006.01); **G09F 9/40** (2006.01); **G09G 3/20** (2006.01); **G09G 5/00** (2006.01)

CPC (source: EP KR US)
G09G 3/3611 (2013.01 - EP US); **G09G 3/3677** (2013.01 - EP US); **H01R 31/06** (2013.01 - KR); **G02F 1/133342** (2021.01 - EP US); **G06F 3/1423** (2013.01 - EP US); **G06F 2213/0042** (2013.01 - KR); **G09G 3/3688** (2013.01 - EP US)

Citation (search report)

- [X] JP H10186396 A 19980714 - CANON KK
- [PX] EP 1406240 A2 20040407 - NEC ELECTRONICS CORP [JP]
- [A] US 2003063041 A1 20030403 - KURASHIMA TAKESHI [JP], et al

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CN100353403C

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 1562169 A2 20050810; **EP 1562169 A3 20080723**; CN 100587570 C 20100203; CN 1655037 A 20050817; JP 2005222015 A 20050818; JP 4589677 B2 20101201; KR 100611164 B1 20060809; KR 20050080411 A 20050812; US 2005174299 A1 20050811; US 7755565 B2 20100713

DOCDB simple family (application)
EP 04090358 A 20040916; CN 200410082679 A 20040927; JP 2004228140 A 20040804; KR 20040008500 A 20040209; US 92491104 A 20040825